

code segments for rectifying said modified image prior to converting said modified image.

24. A computer-readable medium as in claim 21, wherein said code segments for editing
5 said original fixed-frame layers comprise:

code segments for adding camera motion parameters to at least one of said original fixed-frame layers.

25. A computer comprising the computer-readable medium of claim 1.

26. A method for editing a decomposed original video sequence, said decomposed
original video sequence comprising one or more original camera-motion layers and zero or more
original fixed-frame layers decomposed from an original video sequence, comprising the step of:

editing at least one of said original camera-motion layers to obtain modified camera-
15 motion layers such that each frame of a composite modified video sequence composed from said
modified camera-motion layers and said original fixed-frame layers is obtained without editing
each frame of said original video sequence, said editing comprising performing an edge
operation to one of said original camera-motion layers.

20 27. An apparatus for editing a decomposed original video sequence, said decomposed
original video sequence comprising one or more original camera-motion layers and zero or more
original fixed-frame layers decomposed from an original video sequence, comprising:

means for editing at least one of said original camera-motion layers to obtain modified camera-motion layers such that each frame of a composite modified video sequence composed from said modified camera-motion layers and said original fixed-frame layers is obtained without editing each frame of said original video sequence, said editing comprising performing
5 an edge operation to one of said original camera-motion layers.

28. An apparatus as in claim 27, further comprising:

means for editing at least one of said original fixed-frame layers to obtain modified fixed-frame layers.

29. An apparatus for editing an original video sequence, comprising:

an object-based video encoder to decompose said original video sequence into a decomposed original video sequence, said decomposed original video sequence comprising one or more original camera-motion layers and zero or more original fixed-frame layers;

a video editor to perform an edge operation to one of said original camera-motion layers and to edit said edge operated original camera-motion layers to obtain a decomposed modified video sequence; and

an object-based video compositor to compose said decomposed modified video sequence to obtain a composite modified video sequence, wherein each frame of said composite modified
20 video sequence is obtained without editing each frame of said original video sequence.

30. A computer-readable medium having software for implementing a video coloring book.

31. A computer-readable medium as in claim 30, said software comprising code segments for editing at least one camera-motion layer.

5 32. A computer-readable medium as in claim 31, wherein the camera-motion layer is decomposed from a video sequence.

33. A computer-readable medium as in claim 31, wherein the camera-motion layer is an image.

34. A computer-readable medium as in claim 30, said software comprising code segments for editing at least one fixed-frame layer.